

whereby the composition comprises a thermoset resin, a cholesterol, water, and a dye, and wherein the cholesterol comprises $C_{27}H_{45}OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

103.

22. (New)

A thermochromic composition according to claim 21 wherein the thermoset resin is selected from one or more of the group consisting of melamine-formaldehyde, urea formaldehyde, and urethane resins.

23. (New)

103

A thermochromic composition according to claim 21 whereby the composition comprises from about 20-40% by weight thermoset resin, from about 15-45% by weight cholesterol, from about 15-30% by weight water, and from about 10-30% by weight dye.

24. (New)

103

A reversible cosmetic composition selected from the group comprising a thermochromic composition, a photochromic composition, and a mixture thereof, wherein the thermochromic composition and the photochromic composition comprise a thermostat resin, cholesterol, water, dye, a benzene, and a binder, and

wherein the cholesterol comprises $C_{27} H_{15} OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

25. (New)

A method of manufacturing a reversible thermochromic cosmetic composition comprising:

combining a thermoset resin, cholesterol, water, and dye to form thermochromic cells; and heating the cells for a time period sufficient to cure the resin,

wherein the cholesterol comprises $C_{27} H_{15} OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

26. (New)

A method according to claim 25 further including the step of adding the cells to a cosmetically acceptable carrier.

27. (New)

A method according to claim 26 whereby the cells are added to the cosmetically acceptable carrier in a concentration of about 10-30% by weight.

28. (New)

67 A method of manufacturing a reversible thermochromic/photochromic composition comprising: combining thermochromic cells resulting from combining a thermoset resin, cholesterol, water, and dye with the photochromic cells resulting from combining a benzene with a binder to form photochromic cells, wherein the cholesterol comprises $C_{27}H_{45}OH$ as well as one or more of straight chain monobasic carboxylic acids and associated fatty acids from edible fats and oils.

67

29. (New)

The composition of claim 21 wherein the composition further includes a water-based, cosmetically acceptable carrier.

30. (New)

67

A composition according to claim 21 that is shelf-stable for a time period of at least two years.

67

31. (New)

A composition according to claim 21 further including one or more ingredients selected from the group consisting of a light stabilizer, a buffer, a thermoset resin, and an auxiliary.

32. (New)

69 A composition according to claim 21 having a pH in the
range of about 6.8 to 7.2.
